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A3-069 PCTCLAIMS

1. A memory card connector (14), comprising:
2 an insulating housing (16) defining a front receptacle area (24) communicating with
an interior cavity (22) for receiving a memory card (24);
4 a plurality of terminals (20) mounted on the housing in a side-by-side array
transversely across a rear (44) of the housing, the terminals having contact portions (20b) at a rear
6 of the cavity for engaging contacts (38) on a top side (32) of the memory card;
a sheet metal shell (18) covering at least a portion of the insulating housing and
8 including a cover plate (66) overlying at least a portion of said cavity, the memory card connector
characterized by the sheet metal shell having a wrong insertion-proof projection (78) formed out
10 of said cover plate (66) and extending downwardly into the cavity (22) and into a slot (40) in the
top of the memory card when the card is properly inserted into the cavity, the projection (78)
12 preventing an erroneously inserted memory card from engaging the contact portions (20b) of the
terminals (20), and the projection being bent downwardly and back upwardly into an elbow-
14 shaped cross-sectional configuration to prevent scarring or cracking of the memory card (24)
when erroneously inserted into the cavity.
2. The memory card connector of claim 1 wherein said wrong insertion-proof
2 projection (78) is bent into a generally U-shaped configuration.
3. The memory card connector of claim 1 wherein said wrong insertion-proof
2 projection (78) is bent into a generally L-shaped configuration.
4. The memory card connector of claim 1 wherein said wrong insertion-proof
2 projection (78) is bent into a generally J-shaped configuration.
5. The memory card connector of claim 1 wherein said wrong insertion-proof
2 projection (78) is bent into a generally V-shaped configuration.

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2 6. The memory card connector of claim 1 wherein said sheet metal shell (18) includes a pair of depending opposite side walls (68,70) integral with opposite longitudinal edges of said cover plate (66).

2 7. The memory card connector of claim 6 wherein said side walls (68,70) include mounting tabs (72) bent outwardly at bottom edges of the walls for mounting the connector on a circuit board.